

AMENDMENTS TO THE SPECIFICATION

Please amend the third paragraph on page 5 as follows:

The present invention provides a more efficient heat exchanger that is less costly to fabricate. ~~In accordance with the present invention, a~~ A heat exchanger in an embodiment of the present invention includes an air flow structure that has a top surface, a bottom surface, a width, a length, a first edge that runs along the width, and a second edge that runs along the width. In addition, the air flow structure includes a plurality of first grooves in the top surface, and a plurality of second grooves in the bottom surface. The first and second grooves extend along the length between the first and second edges. Further, the heat exchanger also includes a first wall ~~and a second wall that are connected to the air flow structure that contacts substantially all of the first edge of the air flow structure.~~ The first wall has a plurality of openings that extend through the first wall such that each opening is surrounded by the first wall. No portion of the first wall extends into the plurality of first grooves. The first wall prevents a fluid in the first grooves from flowing past the first edge, while the plurality of openings allow a fluid in the second grooves to flow past the first edge. The heat exchanger additionally includes a second wall that contacts substantially all of the second edge of the air flow structure. The second wall has a plurality of openings that extend through the second wall such that each opening in the second wall is surrounded by the second wall. No portion of the second wall extends into the plurality of first grooves. The second wall prevents a fluid in the second grooves from flowing past the second edge, while the plurality of openings in the second wall allow a fluid in the first grooves to flow past the second edge.

Please amend the first paragraph on page 6 as follows:

~~The~~ An embodiment of the present invention also includes a method of forming a heat exchanger. The method includes ~~the step of forming~~ an air flow structure that has a top surface, a bottom surface, a width, a length, a first edge that runs along the width, and a second edge that runs along the width. In addition, the air flow structure includes a plurality of first grooves in the top surface, and a plurality of second grooves in the bottom surface. The first and second grooves extend along the length between the first and second edges. The method also includes ~~the steps of forming a first wall, and~~ forming a first wall that contacts substantially all of the first edge of the air flow structure. The first wall has a plurality of openings that extend through the first wall such that each opening is surrounded by the first wall. No portion of the first wall extends into the plurality of first grooves. The first wall prevents a fluid in the first grooves from flowing past the first edge, while the plurality of openings allow a fluid in the second grooves to flow past the first edge. The method further includes connecting the first wall to the first edge of the air flow structure.